## Project Development Phase Model Performance Test

Date	10 November 2022	
Team ID	PNT2022TMID52484	
Project Name	Fertilizers Recommendation System For Disease	
	Prediction	
Maximum Marks	10 Marks	

## **Model Performance Testing:**

Project team shall fill the following information in model performance testing template.

S.No.	Parameter	Values	Screenshot
1.	Model Summary	Total params :896	model.summary()
		Trainable params:896	Model: "sequential_1"  Layer (type) Output Shape Param #
		Non-trainable params:0	conv2d_1 (Conv2D) (None, 126, 126, 32) 896  max_pooling2d_1 (MaxPooling (None, 63, 63, 32) 0 2D)
			flatten_1 (Flatten) (None, 127008) 0
			Total params: 896 Trainable params: 896 Non-trainable params: 0
2.	Accuracy	Training Accuracy -	model.fit_generator(x_train,steps_per_epoch-len(x_train),validation_data-x_test,validation_steps-len(x_test),epochs-10)
		Validation Accuracy -	Ausr/local/lify/pythom3.7dist-packages/lpykernel_launches.gr:! Userniamning: "Nobel_fit_generator" is deprecated and will be removed in a full energy color for launching as Tython kernel.  ""Centry point for launching as Tython kernel.  "Tentry point launching as Tython kernel.

## model.summary()

## Model: "sequential 1"

Layer (type)	Output Shape	Param #		
conv2d_1 (Conv2D)	(None, 126, 126, 32)	896		
<pre>max_pooling2d_1 (MaxPooling 2D)</pre>	(None, 63, 63, 32)	0		
flatten_1 (Flatten)	(None, 127008)	0		

Total params: 896 Trainable params: 896 Non-trainable params: 0

model,fit generator(x train, steps per epoch=len(x train),validation data=x test,validation steps=len(x test),epochs=10)

/usr/local/lib/python3.7/dist-packages/ipykernel launcher.py:1: UserWarning: `Model.fit generator` is deprecated and will be removed in a futur e version. Please use `Model.fit`, which supports generators.

"""Entry point for launching an IPython kernel.

```
Epoch 1/10
Epoch 3/10
Epoch 4/10
Epoch 5/10
Epoch 6/10
Epoch 7/10
Epoch 8/10
Epoch 9/10
Epoch 10/10
```